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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/682,209	08/06/2001	John Spiers	46286-01006	5249
25928	7590	03/27/2003		
CHRISTOPHER J. KULISH, ESQ HOLLAND & HART LLP P. O. BOX 8749 DENVER, CO 80201-8749			EXAMINER	
			COULTER, KENNETH R	
			ART UNIT	PAPER NUMBER
			2141	
DATE MAILED: 03/27/2003				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No. 09/682,209	Applicant(s) Spiers et al.
Examiner Kenneth R. Coulter	Art Unit 2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on _____.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 13-17 is/are allowed.
- 6) Claim(s) 1-9, 12, and 18-20 is/are rejected.
- 7) Claim(s) 10 and 11 is/are objected to.
- 8) Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s). _____
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)
- 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s). 6,7 6) Other: _____

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1 - 9, 12, and 18 - 20 are rejected under 35 U.S.C. 102(b) as being disclosed by Blumenau (U.S. Pat. No. 5,996,024).

- 2.1 Regarding claim 18, Blumenau discloses a method for communicating between a host computer and a network attached storage device with a block data storage device that is remote relative to the host computer comprising:

providing a network infrastructure that extends between but not necessarily to the host computer and the network attached storage device that is capable of transporting communications according to a packet protocol (Abstract; Fig. 1; Fig. 3; col. 4, lines 40 - 56); and
transporting between the host computer and the network attached storage device, with respect of a complete command set for the block data storage device in the network attached

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storage device, only commands that are within a subset of the complete command set of the block data storage device (Abstract; Fig. 1; Fig. 3; col. 4, lines 40 - 56).

2.2 Per claim 19, Blumenauf teaches

transporting between the host computer and the network attached storage device, with respect to a complete command set for the block data storage device in the network attached storage device, only responses to commands that are within a subset of the complete command set for the block data storage device (col. 3, lines 25 - 30).

2.3 Regarding claim 20, Blumenauf discloses that said subset includes a read command and a write command (col. 3, lines 25 - 30).

2.4 Per claims 1 - 9 and 12, the rejection of claims 18 - 20 (paragraphs 2.1 - 2.3 above) under 35 USC 102(b) apply fully.

Allowable Subject Matter

3. Claims 13-17 are allowed.

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4. Claims 10 and 11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth Coulter whose telephone number is (703) 305-8447.

KENNETH R. COULTER
PRIMARY EXAMINER
Kenneth R. Coulter

krc

March 24, 2003